

What is claimed is:

1. A composition comprising:

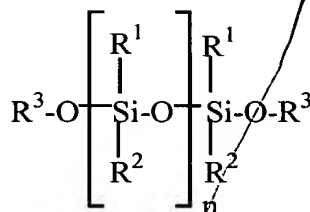
- (a) from about 15% to about 50%, by weight of the total composition, of a silicone polymer;
- (b) from about 5% to about 30% by weight of the total composition of a reinforcing filler;
- (c) from about 20% to about 70% by weight of the total composition of an anti-tracking agent and a flame retardant;
- (d) from about 0.01% to about 1% by weight of the total composition of a coupling agent;
- (e) from about 0.1% to about 5% by weight of the total composition of a curing agent;
- (f) up to about 20% by weight of the total composition of an extending filler; and
- (g) from about 0.1% to about 5% by weight of the total composition of at least one processing fluid.

2. A composition of claim 1 wherein:

- (a) the silicone polymer comprises from about 25% to about 40%;
- (b) the reinforcing filler comprises from about 8% to about 20%; and
- (c) the anti-tracking and the flame retardant comprises from about 25% to about 60%.

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3. A composition of claim 2 wherein the silicone polymer is represented by recurring units of Formula I



Formula I

wherein:

R¹ independently at each occurrence represents C₁₋₄ alkyl, or C₂₋₄ alkylene;

R² independently at each occurrence represents C₁₋₄ alkyl, C₁-C₄ haloalkyl, or C₂₋₄ alkylene;

R³ independently at each occurrence represents H, C₁₋₁₀ alkyl, C₂₋₄ alkylene, C₄₋₆ cycloalkyl, C₁-C₄ haloalkyl, ^{or} OH; and

n represents an integer from 1,000 to 20,000

4. A composition of claim 3 wherein

R¹ independently at each occurrence represents, CH₃ or CH=CH₂;

R² independently at each occurrence represents CH₃, CH₂CH₂CF₃, or CH=CH₂;

R³ at each occurrence represents CH₃, CH=CH₂, OH, or CH₂CH₂CF₃; and

n represents an integer from about 4,000 to about 10,000.

5. A composition of claim 3 wherein the vinyl content of the silicone polymer ranges from about 0.05% to about 0.5 % by weight of the silicone polymer.

Sub A3

~~7. A composition of claim 5 wherein the coupling agent is vinyltrimethoxysilane (VTES), or vinyltrimethoxysilane, methacryloxypropyltrimethoxysilane (MPS), or methacryloxypropyltrimethoxysilane.~~

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~~9. A composition of claim 8 wherein~~
~~oxide, ketone peroxide, and dialkyl peroxide.~~

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~~11. A process of claim 5 wherein the hydroxy terminated polydimethyl siloxane.~~

12. A composition of claim 5 further comprising a mold release agent, or a heat resistive agent.

13. A composition of claim 12 wherein the mold release agent is d. magnesium, aluminum, or cerium stearate.

14. A composition of claim 13 wherein the heat resistive agent is zirconium oxide, cerium hydroxide, magnesium oxide, cerium oxide, or cerium hydroxide.

15. A composition of claim 1 wherein upon heat curing the the heat cured composition comprises a high voltage insulating

16. A process for making a high voltage insulating composition, comprising heat curing the composition of claim 1.

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